

A B S T R A C T

A METHOD OF NON-INTRUSIVELY MONITORING THE MIXTURE RATIO
OF A GAS MIXTURE HAVING AT LEAST TWO COMPONENTS

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The method of non-intrusively monitoring the proportion of a component in a gaseous mixture having at least two components and contained in an electrical switchgear enclosure consists in measuring the pressure, the temperature, and the density of the gas mixture by means of sensors mounted on said enclosure, and in determining said proportion by processing the measured values in a data-processing unit.